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Richard Faust receives Public Health Service research grant to continue study of Bordetella pertussis

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FOR IMMEDIATE RELEASE

Dr. Richard Faust, assistant professor of microbiology at Montana State University, has been awarded a three-year renewal of a Public Health Service research grant to continue his study of *Bordetella pertussis*, the bacterium which causes whooping cough.

In his study, Dr. Faust is concerned with obtaining fundamental knowledge about the bacterium. Although a relationship between the facts being studied and the bacterium's ability to cause disease is the ultimate goal of the research, it is not the immediate purpose, Dr. Faust said.

He is attempting to learn about the metabolism, nutrition and genetics of the microorganism. In previous study Dr. Faust has obtained information about the ability of *Bordetella pertussis* to use certain pathways in obtaining energy from nutrients and its ability to use certain nutrients.

The total amount of the research grant, which will be awarded in three parts, is \$27,945.

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